## IN THE CLAIMS

Please amend the claims to read as follows:

- 1. (currently amended) An external defibrillator with a defibrillation energy delivery circuit comprising:
  - a delivery mode input; and
- a mode switch for selectively adding impedance to said energy delivery circuit to compensate for shunt current, the mode switch position based on said delivery mode input.
- 2. (original) The defibrillator of Claim 1 wherein said delivery mode input comprises a parameter indicating the type of an electrode coupled to the defibrillator.
- 3. (original) The defibrillator of Claim 2, wherein said electrode type parameter is selected from the group consisting of adult, pediatric, or internal electrodes.
- 4. (original) The defibrillator of Claim 2, wherein said delivery mode input further comprises a parameter indicating the position of a pair of said electrodes on a patient.
- 5. (original) The defibrillator of Claim 4, wherein said electrode pair position parameter is selected from the group consisting of anterior-anterior, anterior-posterior, and internal positions.

- (original) The defibrillator of Claim 1, wherein said mode switch further comprises a plurality of switches arranged in parallel, the positions of said plurality of switches based on said delivery mode input.
- 7. (original) The defibrillator of Claim 1, further comprising: an energy source; and
  - a voltage charger to charge the energy source to a voltage based on the delivery mode input.
- 8. (original) The defibrillator of Claim 1, wherein the position of said mode switch is further based on a parameter indicating the success of a previous defibrillation shock.
- 9. (original) The defibrillator of Claim 1, wherein the position of said mode switch is further based on a measure of patient impedance.
- 10. (original) A method for compensating defibrillation current for cardiac shunt currents, comprising the steps of:
  - detecting the mode of delivery of the defibrillation current; and selectively adding impedance in series with the defibrillation current based on said detecting step.
- 11. (original) The method of Claim 10, wherein said detecting step comprises detecting the type of an electrode which is coupled to the defibrillator.

- 12. (original) The method of Claim 11, wherein said electrode type is selected from the group consisting of adult, pediatric, and internal electrodes.
- 13. (original) The method of Claim 11, wherein said detecting step further comprises detecting a parameter indicating the position of a pair of said electrodes on a patient.
- 14. (original) The method of Claim 13, wherein said electrode pair position parameter is selected from the group consisting of anterior-anterior, anterior-posterior, and internal positions.
- 15. (original) The method of Claim 10, wherein said step of selectively adding impedance further comprises positioning a plurality of switches arranged in parallel based on said detecting step.
- 16. (original) The method of Claim 10, further comprising the step of charging a defibrillation energy source to a voltage based on said detecting step.
- 17. (original) The method of Claim 10, wherein the step of selectively adding impedance is further based on detecting a parameter indicating the success of a previous defibrillation shock.
- 18. (original) The method of Claim 10, wherein the step of selectively adding impedance is further based on a step of measuring patient impedance.

19. (currently amended) An apparatus for delivering electrotherapy in one of a plurality of delivery modes, comprising:

## a mode selector; and

an electrotherapy delivery circuit, responsive to the mode selector, which is selectively configured as one of a voltage source or a modified current source, depending upon the delivery mode.

20. (currently amended) A method for delivering electrotherapy in one of a plurality of delivery modes, comprising the step of:

## setting a delivery mode; and

selectively configuring an electrotherapy delivery circuit as one of a voltage source or a modified current source as a function of said delivery mode.